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11 MAR 1982

MEMORANDUM FOR: [] Building Planning Staff, OL 25X1

VIA: Chief, Headquarters Engineering Branch,
RECD/OL

FROM: [] 25X1
Chief, Electrical Section, HEB/RECD/OL

SUBJECT: [] Reliability Study Status 25X1
Review Meeting, 12 January 1982 [] 25X1

REFERENCE: MFR by [] BPS/OL, dtd 19 Jan 82, 25X1
Same Subject [] 25X1

1. Paragraph 4 of the reference addresses the availability factor for commercial power and its impact on system reliability. There are certain points made in paragraph 4 which Headquarters Engineering Branch (HEB) would like to clarify and/or expand.

2. HEB was invited to a later discussion to explain a relaying scheme which impacts commercial power availability. While [] may have discussed changing the numbers to be used for commercial availability, HEB did not intend to indicate agreement or approval of the change to the availability numbers documented in the reference by choosing to make no further comments. As the HEB representative at the meeting indicated, the numbers chosen for the study are several orders of magnitude different than those the Agency is experiencing. In addition, it has been and still is HEB's position that utilities availability as measured in 9's is not as significant a measure of reliability as is the number of outages. 25X1

3. There was mention at the status review meeting of addressing the ramifications of using number of outages versus availability as a measure of reliability. HEB is looking forward to the results of this endeavor.

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SUBJECT: [] Reliability Study Status Review
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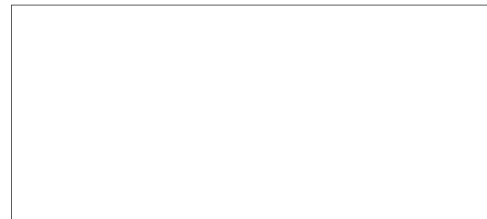
4. Paragraph 4 of the reference cites certain []
work as a demonstration that commercial power availability
has little impact on system reliability. HEB engineers
interpret the [] work as demonstration that com-
mercial power availability has little impact on a UPS/
Generator-backed system's reliability only for the three
values of availability [] chose to use, and that
this conclusion is not necessarily correct for other
values.

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